

Santa Fe, New Mexico

DEEPENING

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Lavitt

(Company or Operator)

(L-290)

Well No. 2, in NW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 13, T. 18S, R. 26E, NMPM.

undesignated

Pool

Eddy

...County.

Well is 990 feet from north line and 330 feet from west line

of Section 13 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced.....**October 21**....., 19**56**..... Drilling was Completed.....**November 3**....., 19**56**

Name of Drilling Contractor.....**Mahres Drilling Company**

Address.....Artesia, New Mexico

Elevation above sea level at Top of Tubing Head.....3,300' G.I.,..... The information given is to be kept confidential until
....., 19.....

No. 1, from 960 to 974 No. 4, from _____ to _____
 No. 2, from 1668 to 1700 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|-------|--------------------|----------------|--------|-----------------|------------------------|--------------|---------|
| 8 5/8 | 32# | used | 801 | float | | | |
| 5 1/2 | 14# | | 1797' | float | | 1678-1696 | |
| | | | | | | | |
| | | | | | | | |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 10" | 8 5/8 | 801 | 400 | HOWCO | | |
| 6 5/8 | 5 1/2 | 1797' | 450 | HOWCO | | |
| | | | | | | |
| | | | | | | |

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

11-3-56 perforated 1678-1696' with 4 ~~shot~~ shots per foot, sand frac with 10,000 gal.
oil and 10,000 lb. sand.

Result of Production Stimulation.....recovered frac oil, flowing 50 BOPD, 3 Barrels water

Depth Cleaned Out.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 0 feet to 1797 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....50.....barrels of liquid of which.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....40.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Northwestern New Mexico

| | | |
|--------------------|---------------------|----------------------------|
| T. Anhy..... | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | T. Montoya..... | T. Farmington..... |
| T. Yates..... | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... |
| T. Queen..... | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... | T. Granite..... | T. Dakota..... |
| T. Glorieta..... | T. | T. Morrison..... |
| T. Drinkard..... | T. | T. Penn..... |
| T. Tubbs..... | T. | T. |
| T. Abo..... | T. | T. |
| T. Penn..... | T. | T. |
| T. Miss..... | T. | T. |

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|-------------|--------------|----------------------|---------------------------------|------|----|----------------------|-----------|
| 995 1540 | 1540 1797 | 545 257 | lime sandy lime T.D. 1897 | | | | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator **Jones & MacArthur**

Name Helena Kieva

Elizabeth S. Hill 11/15/56
(Date)
Address. P. O. Box 464, Artesia, New Mexico
Secretary
Position or Title.